

## ABSTRACT OF THE DISCLOSURE

A data transmission method and system, wherein a transmitter unit adds a sequence number, which represents the transmission sequence of the transmission data packets to each of the transmission data packets to be transmitted before the  
5 transmission of data via a data transmission link. A receiver unit evaluates the respective sequence number of the transmission data packets after their reception. By comparing the sequence number of the respectively newly received transmission data packet with the sequence numbers of previously received transmission data packets, it is determined whether transmission data packets which lie before the respectively  
10 received transmission data packet in the transmission sequence have not yet been received and processed. These transmission data packets are then marked as temporarily missing and made available with this marking for further evaluation.